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Substitute for form 1449A/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/790,185
		Filing Date	March 2, 2004
		First Named Inventor	Tatehito USUI et al.
		Art Unit	unknown
		Examiner Name	Not yet assigned
Sheet 1 of 1	Attorney Docket Number	500.43580X00	

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
✓		US- 4,767,495		08-30-1988	NISHIOKA	
✓		US- 5,552,016		09-03-1996	GHANAYEM	
✓		US- 5,648,849		07-15-1997	CANTELOUP et al.	
✓		US- 5,835,226		11-10-1998	BERMAN et al.	
✓		US- 5,928,532		07-27-1999	KOSHIMIZU et al.	
✓		US- 6,081,334		06-27-2000	GRIMBERGEN et al.	
✓		US- 6,207,008 B1		03-27-2001	KIJIMA	
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✓		US- 2001/0016053 A1		08-23-2001	DICKSON et al.	
✓		US- 6,297,064 B1		10-02-2001	KOSHIMIZU	
✓		US- 6,306,669 B1		10-23-2001	YANO et al.	
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✓		US- 6,414,499 B2		07-02-2002	YANO et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
✓		EP - 1 089 146 A2 ✓	04-04-2001	APPLIED MATERIALS, INC		
✓		JP - 61-53728 ✓	03-17-1986	HITACHI LTD		ABS
✓		JP - 63-200533 ✓	08-18-1988	ANELVA CORP		ABS
✓		JP - 64-68932 ✓	03-15-1989	RICOH CO LTD		ABS
✓		JP - 6-84849 ✓	03-25-1994	SONY CORP		ABS
✓		JP - 2000-228397 ✓	08-15-2000	HITACHI LTD		ABS
✓		JP - 2000-324297 ✓	11-24-2000	FUJI ELECTRIC CO LTD		ABS

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
✓		David L. LIDE, CRC Handbook of Chemistry and Physics, CRC Press, R.W.B. Pearse and A.G. Gaydon, "The Identification of Molecular Spectra", John Wiley & Sons, Inc., 1976	
✓		SASAKI et al., "Estimation of Component Spectral Curves From Unknown Mixture Spectra", App. Opt., Vol. 23, pp. 1955-1959 (1984)	

Examiner Signature	<i>Rams</i>	Date Considered	3/17/06
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>Form PTO-1449</b>	<b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>	<b>ATTY. DKT. NO.</b> 500.43580X00	<b>SERIAL NO.</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		<b>APPLICANT</b> USUI, et al.	
		<b>FILING DATE</b> March 2, 2004	<b>GROUP</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
✓	AA	5,658,418	08/19/1997	CORONEL, et al.	H01L	21/66	09/29/1995
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

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Examiner Initial		Document Number	Date	Country	Class	Subclass	Abstract	
							Yes	No
K	AM	5-179467	07/20/1993	JP	C23F	4/00	X	
L	AN	2000-97648	04/07/2000	JP	G01B	11/22	X	
A	AO	2000-106356	04/11/2000	JP	H01L	21/306	X	
	AP							
	AQ							
	AR							
	AS							
	AT							

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<input checked="" type="checkbox"/>	AU	U.S. Patent Application No. 10/230,309; filed August 29, 2002
<input checked="" type="checkbox"/>	AV	U.S. Patent Application No. 10/377,823; filed March 4, 2003
	AW	
	AX	
	AY	
	AZ	
<b>Examiner</b> <i>Ra</i>		<b>Date Considered</b> 3-17-06